



**DLA PIPER RUDNICK GRAY CARY US LLP**

1200 NINETEENTH STREET, NW  
WASHINGTON, DC 20036-2412  
TELEPHONE: 202-861-3900  
FACSIMILE: 202-223-2085

DOCKET NO.: 2343-169-27

ASSISTANT COMMISSIONER FOR PATENTS  
PO BOX 1450  
ALEXANDRIA, VA 22313-1450

Re: Serial No.: 10/608,228  
Applicant(s): SHIQUAN TAO, ET AL.  
Filing Date: JUNE 30, 2003  
For: MOISTURE SENSOR BASED ON EVANESCENT WAVE  
LIGHT SCATTERING BY POROUS SOL-GEL SILICA  
COATING  
Group Art Unit: 1762  
Examiner: WESLEY D. MARKHAM

SIR:

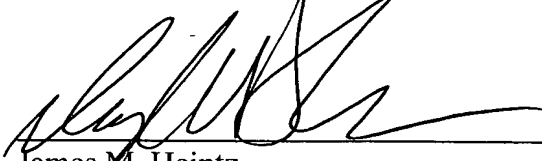
Attached hereto for filing are the following papers:

INFORMATION DISCLOSURE STATEMENT  
INTERNATIONAL SEARCH REPORT  
PTO FORM 1449  
CITED DOCUMENTS (4)

Our check in the amount of \$ -0- is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary extension of time to make the filing of the attached documents timely, please charge or credit the difference to Deposit Account No. 50-1442. Further, if these papers are not considered timely filed, then a request is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

DLA PIPER RUDNICK GRAY CARY US LLP

  
James M. Heintz  
Registration No.: 41,828

Daryl A. Basham, Ph.D.  
Registration No.: 45,869

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

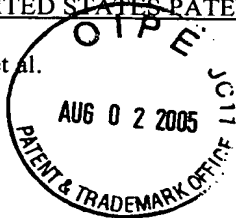
IN RE APPLICATION: Shiquan TAO, et al.

GROUP ART UNIT: 1762

SERIAL NUMBER: 10/608,228

EXAMINER: Wesley D. Markham

FILED: June 30, 2003



FOR: MOISTURE SENSOR BASED ON EVANESCENT WAVE LIGHT SCATTERING BY POROUS SOL-GEL SILICA COATING

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Assistant Commissioner for Patents  
PO BOX 1450  
ALEXANDRIA, VA 22313-1450

Sir:

Applicant(s) wish(es) to disclose the following information.

REFERENCES

- ☒ Applicant(s) wish(es) to make of record the documents listed on the attached International Search Report and Form PTO-1449. Only copies of the listed documents that were not cited or considered in view of a previously filed PTO-1449 or PTO-892 are attached. Further, either statements of relevancy or any readily available full or partial English translations of any non-English-language documents are attached where required.

RELATED CASES

- ☐ Attached is a list of Applicant's(s') pending applications and issued patents which may be related to the present application. Copies of the documents, where required, are attached along with Form PTO-1449.

CERTIFICATION

The undersigned certifies that

- ☒ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application for the first time (to the knowledge of the undersigned, having made reasonable inquiry) not more than three months prior to the filing of this statement.
- ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.

BASIS FOR CONSIDERATION

This Information Disclosure Statement is filed:

- ☐ without fee and within three months of the filing date of the application.
- ☐ without fee and within three months of the date of entry of the U.S. national stage.
- ☐ without fee and before the mailing date of a first Office Action on the merits (to the knowledge of the undersigned).
- ☒ without fee and with the appropriate certification above.
- ☐ without fee and with a new CPA application.
- ☐ without fee and with a Request for Continued Examination.
- ☐ with fee and before the mailing date of any Final Office Action, Notice of Allowance or an action that otherwise closes prosecution (to the knowledge of the undersigned).
- ☐ with fee, appropriate certification above, and before payment of the Issue Fee.

DEPOSIT ACCOUNT

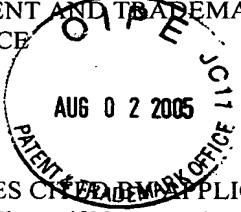
- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 50-1442.

1200 Nineteenth Street, N.W.  
Washington, DC 20036-2412  
Telephone No. (202) 861-3900  
Facsimile No. (202) 223-2085

Respectfully submitted,

DLA PIPER RUDNICK GRAY CARY US LLP

James M. Heintz, Ph.D.  
Registration No.: 41,828  
Darryl A. Basham, PhD.  
Registration No.: 45,869

Form PTO 1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT (Use Several Sheets if Necessary)		DOCKET NO. 2343-169-27		SERIAL NO. 10/608,228		APPLICANT Shiquan TAO, et al.	
		FILING DATE June 30, 2003		GROUP ART UNIT 1762			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AK						
	AL						
	AM						
	AN						
	AO						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AP	Khijwania, et al., "Fiber optic evanescent field absorption sensor: Effect of fiber parameters and geometry of the probe"; Optical and Quantum Electronics, 31:625-636, 1999.					
	AQ	Jindal, et al., "High dynamic range fiber optic relative humidity sensor", Optical Engineering, Vol. 41(5), pages 1093-1096, May 2002.					
	AR						
	AS						
EXAMINER					DATE CONSIDERED		

\*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

\*\*English Abstract Provided